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[54]	54] TOUCH SENSITIVE COMPUTER INPUT DEVICE		[56]		references Cited	
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[75]	Inventors:	C. Douglas O'Brien, Ottawa; Herbert G. Bown; Thomas E. Green, both of Kanata, all of Canada	3,128,340 3,187,185 3,764,813	4/1964 6/1965 10/1973	Harmon	
		Kanata, an or Canada	Primary Examiner—David C. Nelms Assistant Examiner—Darwin R. Hostetter Attorney, Agent, or Firm—Larson, Taylor and Hinds			
[73]	Assignee:	Her Majesty the Queen in right of Canada, as represented by the Minister of National Defence, Ottawa, Canada				
			[57]		ABSTRACT	
			Apparatus for detecting the position of an object, e.g. for interaction with a computer graphic display, has a number of light emitting diodes in an endless array, and a lesser number of light detecting devices for providing electrical signals in response to momentary and successive energization of the light emitting diodes. The sig-			
[21]	Appl. No.:	951,635				
[22]	Filed:	Oct. 16, 1978				
[30] Foreign Application Priority Data			nals are electronically processed to provide cartesian co-ordinates. This apparatus provides high resolution			
May 5, 1978 [CA] Canada			with a minimum number of light detecting devices and enables too large objects and malfunctions to be readily			
[51] Int. Cl. ³				detected.		
[58]		arch 250/221, 222 R, 560	13 Claims, 11 Drawing Figures			

